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Subt. For, PTO-1449		Docket Number 107.070.113		Application Number 09/581,890	
<b>INFORMATION DISCLOSURE IN AN APPLICATION</b> (Use several sheets if necessary)				Applicant Brustle	
Sheet 1		OF 3		Filing Date June 19, 2000	
				Group Art Unit TBA	

## U.S. Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## Foreign Patent Documents

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AMB	197 56 864 C 1	Dec. 12, 1997	DE	G12N5	-06-		X

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

AMB	A1	Bain et al., "Embryonic Stem Cells Express Neuronal Properties <i>in Vitro</i> " <i>Dev. Biol.</i> , Vol. 168, pp. 342-357 (1995)
	A2	Björklund, Anders, "Intracerebral Transplantation: Prospects for Neuronal Replacement in Neurodegenerative Diseases" in <i>Molecular and Cellular Approaches to the Treatment of Neurological Disease</i> , Raven Press, New York, pp. 361-374 (1993)
	A3	Bradley et al., "Formation of germ-line chimaeras from embryo-derived teratocinoma cell lines" <i>Nature</i> , Vol. 309, pp. 255-256 (1984)
	A4	Brüstle and McKay, "Neuronal progenitors as tools for cell replacement in the nervous system" <i>Curr. Opinion Neurobiol.</i> , Vol. 6, pp.688-695 (1996)
	A5	Campbell et al., "Sheep cloned by nuclear transfer from a cultured cell line" <i>Nature</i> , Vol. 380, pp. 64-66 (1996)
	A6	Cattaneo and McKay, "Proliferation and differentiation of neuronal stem cells regulated by nerve growth factor" <i>Nature</i> , Vol. 347, pp. 762-765 (1990)
	A7	Davis and Temple, "A self-renewing multipotential stem cell in embryonic rat cerebral cortex" <i>Nature</i> , Vol. 372, pp. 263-266 (1994)
	A8	Dinsmore et al., "Embryonic Stem Cells Differentiated In Vitro As A Novel Source of Cells For Transplantation" <i>Cell Transplant.</i> , Vol. 5, pp.131-143 (1996)
	A9	Doetschman et al., "Establishment of Hamster Blastocyst-Derived Embryonic Stem" <i>Dev. Biol.</i> , Vol. 127, pp. 224-227 (1988)
	A10	Evans and Kaufman, "Establishment in culture of pluripotential cells from mouse embryos" <i>Nature</i> , Vol. 292, pp.154-156 (1981)
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	A12	First et al., "System for Production of Calves from Cultured Bovine Embryonic Cells" <i>Reprod. Fertil. Dev.</i> , Vol. 6, pp. 553-562 (1994)
	A13	Fraichard et al., "In Vitro Differentiation of Embryonic Stem Cells Into Glial Cells and Functional Neurons" <i>J. Cell Sci.</i> , Vol. 108, pp. 3181-3188 (1995)
	A14	Frederiksen and McKay, "Proliferation and Differentiation of Rat Neuroepithelial Precursor Cells <i>in vivo</i> " <i>J. Neurosci.</i> , Vol. 8, pp.1144-1151 (1988)
AMB	A15	Gage et al., "Survival and differentiation of adult neuronal progenitor cells transplanted to the adult brain" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 92, pp. 11879-11883 (1995)

EXAMINER <i>Anne-Marie Baker</i>	DATE CONSIDERED <i>5/30/02</i>
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AMB	B1	Gosh and Greenberg, "Distinct Roles for bFGF and NT-3 in the Regulation of Cortical Neurogenesis" <i>Neuron</i> , Vol. 15, pp. 89-103 (1995)
	B2	Gritti et al., "Multipotential Stem Cells from the Adult Mouse Brain Proliferate and Self-Renew in Response to Basic Fibroblast Growth Factor" <i>J. Neurosci.</i> , Vol. 16, pp. 1091-1100 (1996)
	B3	Iannacone et al., "Pluripotent Embryonic Stem Cells from the Rat Are Capable of Producing Chimeras" <i>Dev. Biol.</i> , Vol. 163, pp. 288-292 (1994)
	B4	Kilpatrick and Bartlett, "Cloning and Growth of Multipotential Neural Precursors: Requirements for Proliferation and Differentiation" <i>Neuron</i> , Vol. 10, pp. 255-265 (1993)
	B5	Lendahl and McKay, "The Use of Cells Lines in Neurobiology" <i>TINS</i> , Vol. 13, pp. 132-137 (1990)
	B6	Lendahl et al., "CNS Stem Cells Express a New Class of Intermediate Filament Protein" <i>Cell</i> Vol. 60, pp. 585-595 (1990)
	B7	Lindvall, Olle, "Neural Transplantation in Parkinson's Disease" in <i>Functional Neural Transplantation</i> , Raven Press, New York, Chapter 5, pp. 103-137 (1994)
	B8	Martin, Gail R, "Isolation of a Pluripotent Cell Line from Early Mouse Embryos Cultured in Medium Conditioned by Teratocarcinoma Stem Cells" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 78, pp. 7634-7638 (1981)
	B9	Nagy et al., "Derivation of Completely Cell Culture-Derived Mice from Early-Passage Embryonic Stem Cells" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 8424-8428 (1993)
	B10	Okabe et al., "Development of Neuronal Precursor Cells and Functional Postmitotic Neurons from Embryonic Stem Cells in Vitro" <i>Mech. Dev.</i> , Vol. 59, pp. 89-102 (1996)
	B11	Okabe, Shigeo, "Differentiation of Embryonic Stem Cells" in: <i>Current Protocols in Neuroscience</i> , John Wiley, New York (1997) 3.6.1-3.6.13
	B12	Olanow et al., "Fetal Nigral Transplantation as a Therapy for Parkinson's Disease" <i>TINS</i> , Vol. 19, pp. 102-109 (1996)
	B13	Pain et al., "Long-term in vitro Culture and Characterisation of Avian Embryonic Stem Cells with Multiple morphogenetic potentialities" <i>Development</i> , Vol. 122, pp. 2339-2348 (1996)
	B14	Ray and Gage, "Spinal Cord Neuroblasts Proliferate in Response to Basic Fibroblasts Growth Factor" <i>J. Neurosci.</i> , Vol. 6, pp. 3548-3564 (1994)
	B15	Ray et al., "Proliferation, Differentiation, and Long-term Culture of Primary Hippocampal Neurons" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 90, pp. 3602-3606 (1993)
	B16	Renfranz et al., "Region-Specific Differentiation of the Hippocampal Stem Cell Line HiB5 upon Implantation into the Developing Mammalian Brain" <i>Cell</i> , Vol. 66, pp. 713-729 (1991)
	B17	Reynolds and Weiss, "Generation of Neurons and Astrocytes from Isolated Cells of the Adult Mammalian Central Nervous System" <i>Science</i> , Vol. 255, pp. 1707-1710 (1992)
	B18	Richards et al., "De novo Generation of Neuronal Cells from the Adult Mouse Brain" <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 8591-8595 (1992)
✓	B19	Robertson et al., "Germ-line Transmission of Genes Introduced into Cultured Pluripotent Cells by Retroviral Vector" <i>Nature</i> , Vol. 323, pp. 445-448 (1986)
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AMB	C1	Smith et al., "Inhibition of Pluripotential Embryonic Stem Cell Differentiation by purified Polypeptides" Nature, Vol. 336, pp. 688-690 (1988)
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	C3	Sun et al., "ES-like Cell Culture Derived from Early Zebrafish Embryos" Mol. Mar. Biol. Biotechno., Vol. 4, pp. 193-199 (1995)
	C4	Svensen et al., "Survival and Differentiation of Rat and Human Epidermal Growth Factor-Responsive Precursor Cells Following Grafting into the Lesioned Adult Central Nervous System" Exp. Neurol. Vol. 137, pp. 376-388 (1996)
	C5	Swiatek and Gridley, "Perinatal Lethality and Defects in Hindbrain Development in Mice Homozygous for a Targeted Mutation of the Zinc Finger Gene <i>Krox20</i> " Genes Dev., Vol 7, pp. 2071-2084 (1993)
	C6	Thomson et al., "Isolation of a Primate Embryonic Stem Cell Line" Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 7844-7848 (1995)
	C7	Thomson et al., Embryonic Stem Cell Lines Derived from Human Blastocysts" Science, Vol. 282, pp. 1145-1147 (1998)
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	C9	Westerman and Leboulch, "Reversible immortalization of Mammalian Cells Mediated By Retroviral Transfer and Site-Specific Recombination" Proc. Natl. Acad. Sci. USA, Vol. 93, pp.8971-8976 (1996)
↓	C10	Wheeler, Matthew B., "Development and Validation of Swine Embryonic Stem Cells: A Review" Reprod. Fertil. Dev., Vol. 6, pp. 563-568 (1994)
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